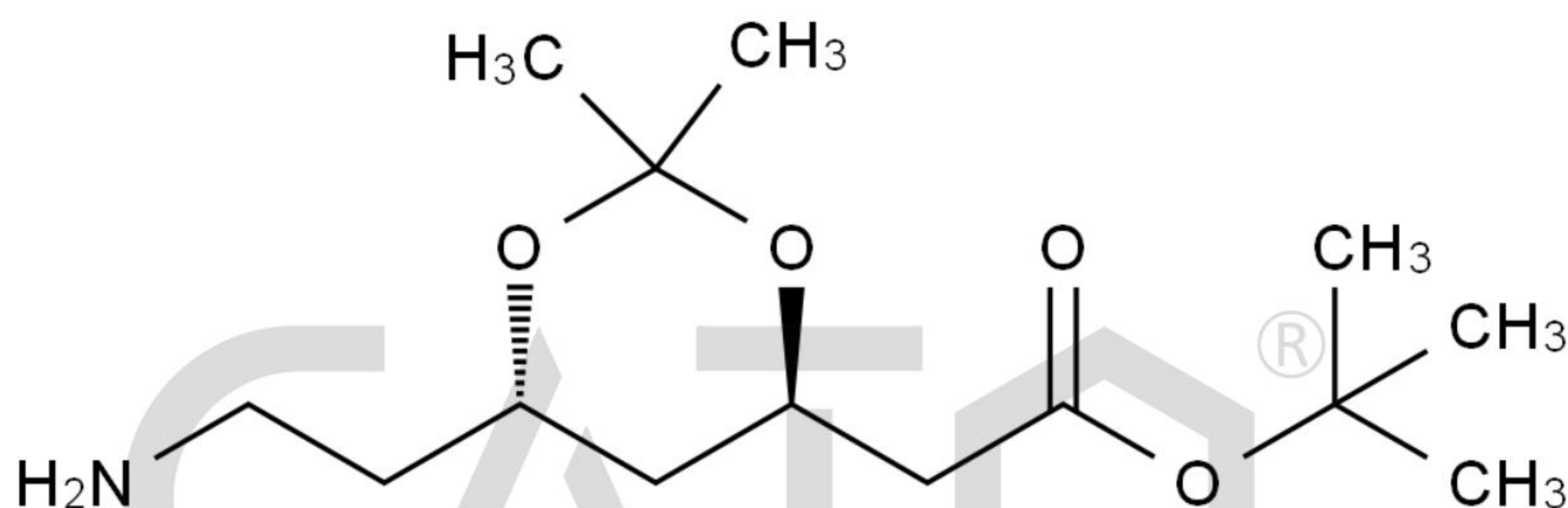


Certificate of Analysis

Reference Material & Standard

Product Name:	Atorvastatin Impurity 56	Catalogue Number:	C4X-113256
Synonyms:	N/A	Lot Number:	0418-RG-0020
CAS Number:	2088732-01-6	Expiry Date:	Apr 14, 2028
Molecular Formula:	C ₁₄ H ₂₇ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	273.37		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	ELSD	99.74%
Water Content	Karl Fischer	2.72%
Residual Solvents	NMR	0.25% methanol
Assay		96.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content-Residual Solvents) * Purity ELSD (%) /100%

Water Content and Residual Solvents are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 21, 2025

Date: Apr 21, 2025

Date: Apr 21, 2025

